

OBAMA et al. -- 10/665,575  
 Attorney Docket: 008312-0306030

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-8. (Canceled)

9. (Currently amended) A paper sheet detection apparatus comprising:  
 a conveying device which conveys a paper sheet along a conveying surface;  
 a detection device which is provided opposite to the conveying surface and detects  
 [[a]] the paper sheet conveyed by the conveying device;  
 a guide device which is provided in at least [[the]] a paper sheet take-in side of the  
 detection device and ~~formed with~~ includes a pair of guide members disposed opposite to each  
 other at both side sides of the conveying surface, wherein one of the pair of guide members is  
fixed and the other guide member is movable relative to the one guide member;  
at least one ~~X~~ nozzle which is provided in the ~~each opposite surface of the pair of~~ guide members;  
 an energizing device which elastically energizes ~~one of the pair of other~~ the guide  
~~members member~~ toward the other ~~one~~ guide member, and  
 a gas supply device which generates a clearance between the pair of guide members  
 by moving ~~one of the pair of other~~ the guide members ~~member~~ against the energizing force of the  
 energizing device, by supplying compressed gas to the pair of guide members and ejecting  
 the gas from the nozzle <sup>^</sup><sub>S</sub> between the pair of guide members.

10. (Currently amended) The paper sheet detection apparatus according to claim 9,  
 wherein the guide device is provided in the paper sheet take-in side and a take-out side of the  
 detection device.

11. (Withdrawn) The paper sheet detection apparatus according to claim 9, further  
 comprising a plurality of grooves provided at a certain interval on ~~the opposite surface of~~ said  
 pair of guide members in ~~the~~ paper sheet conveying direction and in ~~the~~ direction orthogonal  
 to the conveying direction, and a plurality of nozzles provided at least in ~~the~~ parts surrounded  
a by said plurality of grooves on ~~the opposite surface of~~ said pair of guide members. a

12. (Withdrawn) The paper sheet detection apparatus according to claim 11, wherein said

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said at least one nozzle includes

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plurality of nozzles are disposed <sup>in</sup> ~~in~~ <sup>that are</sup> ~~in~~ column <sup>is</sup> ~~are~~ parallel to the paper sheet conveying direction, and <sup>an</sup> ~~the~~ interval between the outermost nozzle column <sup>is</sup> ~~are~~ set wider than <sup>two</sup> ~~the~~ width dimension of the paper sheet in the direction orthogonal to the conveying direction. <sup>a</sup> ~~the~~

13. (Withdrawn - Currently amended) The paper sheet detection apparatus according to claim 9, wherein ~~one of said pair of the other~~ guide ~~members member~~ consists of a plurality of divided guides divided vertically and horizontally along the paper sheet conveying direction and the direction orthogonal to the conveying direction; and each of the divided guides is ~~movable~~, and has ~~a~~ nozzle to eject compressed gas.

<sup>one of said at least one</sup>

14. (Withdrawn - Currently amended) The paper sheet detection apparatus according to claim 9, wherein one of said pair of guide members consists of a plurality of divided guides divided over the paper sheet conveying direction; each of the divided guide parts has a nozzle to eject compressed gas; the gas supply device controls the supply of ~~compress~~ compressed gas to said plurality of divided guide members by switching the pressure and flow rate to be different at a certain cycle, and moves a pressure fluctuation or a flow rate fluctuation of the compressed gas ejected from the nozzles of said plurality of divided guides along the paper sheet conveying direction.

15. (Withdrawn) The paper sheet detection apparatus according to claim 14, wherein the gas supply device generates a pressure fluctuation or a flow rate fluctuation of the compressed air blown out from the nozzle, according to the height or the flow rate increment and decrement of the pressure of the compressed gas supplied to the divided guides.

16.-23. (Canceled)



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# Fax Cover Sheet

**Date:** 22 Sep 2005

<b>To:</b>	<b>From:</b> Thomas A. Morrison
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<b>Re:</b> Proposed Amendment	<b>CC:</b>

☐ **Urgent**    ☐ **For Review**    ☒ **For Comment**    ☐ **For Reply**    ☐ **Per Your Request**

**Comments:**

Attached is a draft amendment that amends claims 9 and 11-13. Also enclosed is a copy of an Interview Summary that will be mailed to you. Please take a look at these documents and let me know if the proposed amendment is acceptable to your client. If so, I can enter it by an examiner's amendment. Also, please let me know how to proceed with claims 14 and 15.

Regards,  
Examiner Tom Morrison

**Number of pages** 2 **including this page**

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